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Hyphal extension; Colony radial growth rate; Membrane composition; *Aspergillus nidulans choC*; Phosphatidylcholine (Binks, P.R. (83) 159)

Chitin synthetase
Enzymatic stability; Chitinase cell-free extracts; Gel filtration; *Neurospora crassa* (Giménez, G. (83) 173)

***Chlamydia* spp.**
Major-outer-membrane protein; Genotype; Polymerase chain reaction (Sayada, C. (83) 73)

Chloride fluxes
Transmembrane electric potential; Donnan equilibrium; *Acholeplasma laidlawii* (Schummer, U. (83) 109)

Chroococcidiopsis
Matric-water stress; Salt stress; Stress proteins; Cyanobacteria; *Phormidium* (Hershkovitz, N. (83) 169)

Cirrhosis
Hepatitis B; Liver cancer; Polymerase chain reaction (Coursaget, P. (83) 35)

Citrate
Lead detoxification; Bioaccumulation; Bioprecipitation; Phosphate; *Pseudomonas fluorescens* (Al-Aoukaty, A. (83) 283)

Citrobacter diversus
Penicillin; Cephalosporin; β-Lactamase (Perilli, M. (83) 79)

Class 3 protein
Neisseria meningitidis; Polymerase chain reaction (Wolff, K. (83) 179)

Clostridium magnum
Hydrogen metabolism; Homoacetogenesis (Bomar, M. (83) 347)

Colony radial growth rate
Chitin synthase; Hyphal extension; Membrane composition; *Aspergillus nidulans choC*; Phosphatidylcholine (Binks, P.R. (83) 159)

Complementation by *pqq* gene
Pyrroloquinoline quinone; Methanol dehydrogenase; Glucose dehydrogenase; *Methylobacterium organophilum;* PQQ biosynthesis gene; *Escherichia coli* (Turlin, E. (83) 59)

Copy number
Streptomyces; Plasmid; Pentalenolactone; Antibiotic production (Braxenthaler, M. (83) 311)

Coriaria
Actinorhizal plants; Actinomycetes; *Frankia*; *Geodermatophilus*; Fatty acid pattern (Mirza, M.S. (83) 91)

Curvularia lunata
Biotransformation; Norethisterone acetate (Chosson, P. (83) 17)

Cyanobacteria
Matric-water stress; Salt stress; Stress proteins; *Phormidium*; *Chroococcidiopsis* (Hershkovitz, N. (83) 169)

Cytochrome *c*
Amino acid sequence; Electron transport; N_2-fixing symbiosis; Spectroscopy; *Bradyrhizobium japonicum* (Appleby, C.A. (83) 137)

Electron transport; Gene cloning; Nitrogen fixation; Respiration; *Bradyrhizobium japonicum* (Rossbach, S. (83) 145)

Cytochrome c_{552}
Dissimilatory nitrite reductase; *dniR* Gene; *Escherichia coli*; Anaerobic respiration (Kajie, S.-i. (83) 205)

Cytotoxicity
Bacillus thuringiensis; Toxin; Protoxin-activation (Angsuthanasombat, C. (83) 273)

Dark respiration
Endogenous rhythm; Nitrogenase; *Synechococcus* (Grobbelaar, N. (83) 99)

***dms* Deletions**
DMSO reduction; TMAO reduction; Selective inactivation of DMSO reductase; *dms* Insertion mutants (Daruwala, R. (83) 255)

Detergent solubilization
OmpA production; *Escherichia coli*; OmpF production; *Bacillus subtilis*; Outer membrane proteins; Inclusion bodies (Puohiniemi, R. (83) 29)

Diether:tetraether ratio
Methanobacterium thermoautotrophicum; Chemotaxonomy (Kramer, J.K.G. (83) 45)

Dissimilatory nitrite reductase
dniR Gene; *Escherichia coli*; Cytochrome c_{552}; Anaerobic respiration (Kajie, S.-i. (83) 205)

DMSO reduction
TMAO reduction; Selective inactivation of DMSO reductase; *dms* Insertion mutants; *dms* Deletions (Daruwala, R. (83) 255)

DNA sequencing
Legionella; Amoebae; 16S Ribosomal DNA; PCR (Fry, N.K. (83) 165)

Donnan equilibrium
Chloride fluxes; Transmembrane electric potential; *Acholeplasma laidlawii* (Schummer, U. (83) 109)

Electron transport
Amino acid sequence; Cytochrome *c*; N_2-fixing symbiosis; Spectroscopy; *Bradyrhizobium japonicum* (Appleby, C.A. (83) 137)

Cytochrome *c*; Gene cloning; Nitrogen fixation; Respiration; *Bradyrhizobium japonicum* (Rossbach, S. (83) 145)

Endogenous rhythm
Dark respiration; Nitrogenase; *Synechococcus* (Grobbelaar, N. (83) 99)

Endotoxin
Lipopolysaccharide; Serotype; O-antigen (Cheah, K.-C. (83) 213)

Enhanced chemiluminescence
Bacterial counting; Luminol; Photon-counting TV camera; *Escherichia coli* (Masuko, M. (83) 231)

Enteric bacteria
Bioluminescence; Bacteriophage; Bacterial detection (Kodikara, C.P. (83) 261)

Enterococcus faecalis
Enterococcus hirae; *Enterococcus faecium*; Penicillin-binding protein; Immunoblotting (Ligozzi, M. (83) 335)

Enterococcus faecium
Enterococcus hirae; *Enterococcus faecalis*; Penicillin-binding protein; Immunoblotting (Ligozzi, M. (83) 335)

Enterococcus hirae
Enterococcus faecium; *Enterococcus faecalis*; Penicillin-binding protein; Immunoblotting (Ligozzi, M. (83) 335)

Enterotoxigenic
Regulatory sequence; *Escherichia coli*; Fimbriae; Nucleotide sequence (De Haan, L.A.M. (83) 341)

Enzymatic stability
Chitin synthetase; Chitinase cell-free extracts; Gel filtration; *Neurospora crassa* (Giménez, G. (83) 173)

Escherichia coli
OmpA production; OmpF production; *Bacillus subtilis*; Outer membrane proteins; Inclusion bodies; Detergent solubilization (Puohiniemi, R. (83) 29)

Osmoregulation; OmpR protein; OmpF and OmpC porins; Antisense RNA; Promoter function (Takayanagi, K. (83) 39)

Pyrroloquinoline quinone; Methanol dehydrogenase; Glucose dehydrogenase; *Methylobacterium organophilum;* PQQ biosynthesis gene; Complementation by *pqq* gene (Turlin, E. (83) 59)

Anaerobiosis; *nrdA* and *nrdB* Genes (Casado, C. (83) 153)

Dissimilatory nitrite reductase; *dniR* Gene; Cytochrome c_{552}; Anaerobic respiration (Kajie, S.-i. (83) 205)

Bacterial counting; Luminol; Enhanced chemiluminescence; Photon-counting TV camera (Masuko, M. (83) 231)

Regulatory sequence; Fimbriae; Nucleotide sequence; Enterotoxigenic (De Haan, L.A.M. (83) 341)

Escherichia coli strain Hsb. 1
Hemolysin; Plasmid copy number (Diaz, P. (83) 55)

α-Factor-driven secretion
Calcitonin gene; Gene expression in yeast; *Saccharomyces cerevisiae* (Mironova, R. (83) 23)

Fatty acid pattern
Actinorhizal plants; *Coriaria*; Actinomycetes; *Frankia*; *Geodermatophilus* (Mirza, M.S. (83) 91)

Fimbriae
Regulatory sequence; *Escherichia coli*; Nucleotide sequence; Enterotoxigenic (De Haan, L.A.M. (83) 341)

Fingerprinting
Pulsed-field electrophoresis; *Rhizobium* (Corich, V. (83) 193)

Flavobacterium meningosepticum
Ornithine-containing lipid; Serine-containing lipid; Mitogenicity; Adjuvanticity (Kawai, Y. (83) 127)

Frankia
Actinorhizal plants; *Coriaria*; Actinomycetes; *Geodermatophilus*; Fatty acid pattern (Mirza, M.S. (83) 91)

Fructose breakdown
Halophilic archaebacteria; *Haloarcula vallismortis*; Ketohexokinase (ATP: D-fructose 1-phosphotransferase) (Altekar, W. (83) 241)

3-Furylmethylpenicillin
Phenylacetyl-CoA ligase; *Pseudomonas putida*; Acyl-CoA:6-APA acyltransferase; *Penicillium chrysogenum* (Ferrero, O. (83) 1)

Gel filtration
Chitin synthetase; Enzymatic stability; Chitinase cell-free extracts; *Neurospora crassa* (Giménez, G. (83) 173)

***dniR* Gene**
Dissimilatory nitrite reductase; *Escherichia coli*; Cytochrome c_{552}; Anaerobic respiration (Kajie, S.-i. (83) 205)

LPS gene
Bradyrhizobium japonicum; Lipopolysaccharide; Tn*5* mutant (So, J.-S. (83) 299)

***nif HDK* genes**
Moderate thermophile; Nitrogen fixation; *Thiobacillus* (Holden, P.J. (83) 7)

***nrdA* and *nrdB* Genes**
Anaerobiosis; *Escherichia coli* (Casado, C. (83) 153)

Gene cloning
Saccharomycopsis fibuligera; Glucoamylase; Nucleotide sequence (Hostinová, E. (83) 103)

Cytochrome *c*; Electron transport; Nitrogen fixation; Respiration; *Bradyrhizobium japonicum* (Rossbach, S. (83) 145)

Cellulomonas fimi; Xylanase; Binding to cellulose (Clarke, J.H. (83) 305)

Gene expression in yeast
Calcitonin gene; α-Factor-driven secretion; *Saccharomyces cerevisiae* (Mironova, R. (83) 23)

Genotype
Chlamydia spp.; Major-outer-membrane protein; Polymerase chain reaction (Sayada, C. (83) 73)

Geodermatophilus
Actinorhizal plants; *Coriaria*; Actinomycetes; *Frankia*; Fatty acid pattern (Mirza, M.S. (83) 91)

Glucan
Streptococcus sobrinus; 1,3-α-D-Glucan synthase; Glucosyltransferase (Takehara, T. (83) 69)

1,3-α-D-Glucan synthase
Streptococcus sobrinus; Glucan; Glucosyltransferase (Takehara, T. (83) 69)

Glucoamylase
Saccharomycopsis fibuligera; Gene cloning; Nucleotide sequence (Hostinová, E. (83) 103)

Glucose dehydrogenase
Pyrroloquinoline quinone; Methanol dehydrogenase; *Methylobacterium organophilum;* PQQ biosynthesis gene; Complementation by *pqq* gene; *Escherichia coli* (Turlin, E. (83) 59)

Glucosyltransferase
Streptococcus sobrinus; Glucan; 1,3-α-D-Glucan synthase (Takehara, T. (83) 69)

Glutamate dehydrogenase
Alanine aminotransferase; *Trypanosoma cruzi* (Duschak, V.G. (83) 131)

Haloarcula vallismortis
Halophilic archaebacteria; Fructose breakdown; Ketohexokinase (ATP: D-fructose 1-phosphotransferase) (Altekar, W. (83) 241)

Halophilic archaebacteria
Haloarcula vallismortis; Fructose breakdown; Ketohexokinase (ATP: D-fructose 1-phosphotransferase) (Altekar, W. (83) 241)

Hemolysin
Escherichia coli strain Hsb. 1; Plasmid copy number (Diaz, P. (83) 55)

Hepatitis B
Cirrhosis; Liver cancer; Polymerase chain reaction (Coursaget, P. (83) 35)

Homoacetogenesis
Hydrogen metabolism; *Clostridium magnum* (Bomar, M. (83) 347)

Host-vector
Mycobacteria (Goto, Y. (83) 277)

Hydrogen
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Hydrogen metabolism
Homoacetogenesis; *Clostridium magnum* (Bomar, M. (83) 347)

Hyphal extension
Chitin synthase; Colony radial growth rate; Membrane composition; *Aspergillus nidulans choC*; Phosphatidylcholine (Binks, P.R. (83) 159)

Immunoblotting
Enterococcus hirae; *Enterococcus faecium*; *Enterococcus faecalis*; Penicillin-binding protein (Ligozzi, M. (83) 335)

Inclusion bodies
OmpA production; *Escherichia coli*; OmpF production; *Bacillus subtilis*; Outer membrane proteins; Detergent solubilization (Puohiniemi, R. (83) 29)

***dms* Insertion mutants**
DMSO reduction; TMAO reduction; Selective inactivation of DMSO reductase; *dms* Deletions (Daruwala, R. (83) 255)

Insertion sequence
Repetitive DNA; Tuberculosis; *Mycobacterium bovis*; *Mycobacterium tuberculosis* (Collins, D.M. (83) 11)

Invasiveness
Shigella dysenteriae; Adherence; Temperature regulation, absence of (Yao, R. (83) 323)

Iron
Neisseria spp.; Transferrin; Receptor (Ferreirós, C.M. (83) 247)

Ketohexokinase (ATP: D-fructose 1-phosphotransferase)
Halophilic archaebacteria; *Haloarcula vallismortis*; Fructose breakdown (Altekar, W. (83) 241)

***Klebsiella* spp.**
Bacteriophage FC3-10; Lipopolysaccharide (Camprubí, S. (83) 291)

β-Lactamase
Citrobacter diversus; Penicillin; Cephalosporin (Perilli, M. (83) 79)

Lactoferrin
Aeromonas hydrophila; Binding; Cell envelope proteins (Kishore, A.R. (83) 115)

Lead detoxification
Bioaccumulation; Bioprecipitation; Citrate; Phosphate; *Pseudomonas fluorescens* (Al-Aoukaty, A. (83) 283)

Legionella
Amoebae; 16S Ribosomal DNA; PCR; DNA sequencing (Fry, N.K. (83) 165)

Lipopolysaccharide
O antigen; Adjuvant activity (Nurminen, M. (83) 51)

Serotype; O-antigen; Endotoxin (Cheah, K.-C. (83) 213)

Klebsiella spp.; Bacteriophage FC3-10 (Camprubí, S. (83) 291)

Bradyrhizobium japonicum; Tn*5* mutant; LPS gene (So, J.-S. (83) 299)

Liver cancer
Hepatitis B; Cirrhosis; Polymerase chain reaction (Coursaget, P. (83) 35)

Luminol
Bacterial counting; Enhanced chemiluminescence; Photon-counting TV camera; *Escherichia coli* (Masuko, M. (83) 231)

Major-outer-membrane protein
Chlamydia spp.; Genotype; Polymerase chain reaction (Sayada, C. (83) 73)

Matric-water stress
Salt stress; Stress proteins; Cyanobacteria; *Phormidium*; *Chroococcidiopsis* (Hershkovitz, N. (83) 169)

Membrane composition
Chitin synthase; Hyphal extension; Colony radial growth rate; *Aspergillus nidulans choC*; Phosphatidylcholine (Binks, P.R. (83) 159)

Methanobacterium thermoautotrophicum
Chemotaxonomy; Diether:tetraether ratio (Kramer, J.K.G. (83) 45)

Methanol dehydrogenase
Pyrroloquinoline quinone; Glucose dehydrogenase; *Methylobacterium organophilum;* PQQ biosynthesis gene; Complementation by *pqq* gene; *Escherichia coli* (Turlin, E. (83) 59)

Methylobacterium organophilum
Pyrroloquinoline quinone; Methanol dehydrogenase; Glucose dehydrogenase; PQQ biosynthesis gene; Complementation by *pqq* gene; *Escherichia coli* (Turlin, E. (83) 59)

Mitogenicity
Ornithine-containing lipid; Serine-containing lipid; Adjuvanticity; *Flavobacterium meningosepticum* (Kawai, Y. (83) 127)

Moderate thermophile
Nitrogen fixation; *nif HDK* genes; *Thiobacillus* (Holden, P.J. (83) 7)

Multiple cloning sites
Shuttle vectors; Plasmid stability; *Streptomyces rimosus*; *Streptomyces lividans*; Transfer RNA genes (Durajlija, S. (83) 317)

Mycobacteria
Host-vector (Goto, Y. (83) 277)

Mycobacterium bovis
Insertion sequence; Repetitive DNA; Tuberculosis; *Mycobacterium tuberculosis* (Collins, D.M. (83) 11)

Mycobacterium tuberculosis
Insertion sequence; Repetitive DNA; Tuberculosis; *Mycobacterium bovis* (Collins, D.M. (83) 11)

Neisseria meningitidis
Class 3 protein; Polymerase chain reaction (Wolff, K. (83) 179)

***Neisseria* spp.**
Transferrin; Receptor; Iron (Ferreirós, C.M. (83) 247)

Neurospora crassa
Chitin synthetase; Enzymatic stability; Chitinase cell-free extracts; Gel filtration (Giménez, G. (83) 173)

N_2-fixing symbiosis
Amino acid sequence; Cytochrome *c*; Electron transport; Spectroscopy; *Bradyrhizobium japonicum* (Appleby, C.A. (83) 137)

Nitrate assimilation
Rhodobacter; Nitrate reductase; Nitrate dissimilation (Martínez-Luque, M. (83) 329)

Nitrate dissimilation
Rhodobacter; Nitrate reductase; Nitrate assimilation (Martínez-Luque, M. (83) 329)

Nitrate reductase
Rhodobacter; Nitrate assimilation; Nitrate dissimilation (Martínez-Luque, M. (83) 329)

Nitrogenase
Dark respiration; Endogenous rhythm; *Synechococcus* (Grobbelaar, N. (83) 99)

Nitrogen fixation
Moderate thermophile; *nif HDK* genes; *Thiobacillus* (Holden, P.J. (83) 7)

Cytochrome *c*; Electron transport; Gene cloning; Respiration; *Bradyrhizobium japonicum* (Rossbach, S. (83) 145)

Nitrosoguanidine treatment
Spirulina platensis; UV irradiation (Lanfaloni, L. (83) 85)

Norethisterone acetate
Biotransformation; *Curvularia lunata* (Chosson, P. (83) 17)

Nucleotide sequence
Saccharomycopsis fibuligera; Glucoamylase; Gene cloning (Hostinová, E. (83) 103)

Regulatory sequence; *Escherichia coli*; Fimbriae; Enterotoxigenic (De Haan, L.A.M. (83) 341)

O-antigen
Lipopolysaccharide; Adjuvant activity (Nurminen, M. (83) 51)

Lipopolysaccharide; Serotype; Endotoxin (Cheah, K.-C. (83) 213)

OmpA production
Escherichia coli; OmpF production; *Bacillus subtilis*; Outer membrane proteins; Inclusion bodies; Detergent solubilization (Puohiniemi, R. (83) 29)

OmpF and OmpC porins
Osmoregulation; OmpR protein; Antisense RNA; *Escherichia coli*; Promoter function (Takayanagi, K. (83) 39)

OmpF production
OmpA production; *Escherichia coli*; *Bacillus subtilis*; Outer membrane proteins; Inclusion bodies; Detergent solubilization (Puohiniemi, R. (83) 29)

OmpR protein
Osmoregulation; OmpF and OmpC porins; Antisense RNA; *Escherichia coli*; Promoter function (Takayanagi, K. (83) 39)

One-step growth curve
Actinophage ϕA7; *Streptomyces antibioticus*; Adsorption (Diaz, L.A. (83) 65)

Ornithine-containing lipid
Serine-containing lipid; Mitogenicity; Adjuvanticity; *Flavobacterium meningosepticum* (Kawai, Y. (83) 127)

Osmoregulation
OmpR protein; OmpF and OmpC porins; Antisense RNA; *Escherichia coli*; Promoter function (Takayanagi, K. (83) 39)

Osmotic alleviation
Rhizobium leguminosarum; Salt stress (Chien, C.-T. (83) 219)

Outer membrane proteins
OmpA production; *Escherichia coli*; OmpF production; *Bacillus subtilis*; Inclusion bodies; Detergent solubilization (Puohiniemi, R. (83) 29)

PCR
Legionella; Amoebae; 16S Ribosomal DNA; DNA sequencing (Fry, N.K. (83) 165)

Penicillin
Citrobacter diversus; Cephalosporin; β-Lactamase (Perilli, M. (83) 79)

Penicillin-binding protein
Enterococcus hirae; *Enterococcus faecium*; *Enterococcus faecalis*; Immunoblotting (Ligozzi, M. (83) 335)

Penicillium chrysogenum
3-Furylmethylpenicillin; Phenylacetyl-CoA ligase; *Pseudomonas putida*; Acyl-CoA:6-APA acyltransferase (Ferrero, O. (83) 1)

Pentalenolactone
Streptomyces; Plasmid; Copy number; Antibiotic production (Braxenthaler, M. (83) 311)

Phenylacetyl-CoA ligase
3-Furylmethylpenicillin; *Pseudomonas putida*; Acyl-CoA:6-APA acyltransferase; *Penicillium chrysogenum* (Ferrero, O. (83) 1)

Phormidium
Matric-water stress; Salt stress; Stress proteins; Cyanobacteria; *Chroococcidiopsis* (Hershkovitz, N. (83) 169)

Phosphate
Lead detoxification; Bioaccumulation; Bioprecipitation; Citrate; *Pseudomonas fluorescens* (Al-Aoukaty, A. (83) 283)

Phosphatidylcholine
Chitin synthase; Hyphal extension; Colony radial growth rate; Membrane composition; *Aspergillus nidulans choC* (Binks, P.R. (83) 159)

Photon-counting TV camera
Bacterial counting; Luminol; Enhanced chemiluminescence; *Escherichia coli* (Masuko, M. (83) 231)

Phylogeny
Bartonella bacilliformis; 16S rDNA sequencing; Rickettsiales (Birtles, R.J. (83) 187)

Plasmid
Streptomyces; Copy number; Pentalenolactone; Antibiotic production (Braxenthaler, M. (83) 311)

Plasmid copy number
Hemolysin; *Escherichia coli* strain Hsb. 1 (Diaz, P. (83) 55)

Plasmid stability
Shuttle vectors; Multiple cloning sites; *Streptomyces rimosus*; *Streptomyces lividans*; Transfer RNA genes (Durajlija, S. (83) 317)

Polymerase chain reaction
Hepatitis B; Cirrhosis; Liver cancer (Coursaget, P. (83) 35)

Chlamydia spp.; Major-outer-membrane protein; Genotype (Sayada, C. (83) 73)

Neisseria meningitidis; Class 3 protein (Wolff, K. (83) 179)

Polymorphism
Azospirillum (Fani, R. (83) 225)

PQQ biosynthesis gene
Pyrroloquinoline quinone; Methanol dehydrogenase; Glucose dehydrogenase; *Methylobacterium organophilum*; Complementation by *pqq* gene; *Escherichia coli* (Turlin, E. (83) 59)

Promoter function
Osmoregulation; OmpR protein; OmpF and OmpC porins; Antisense RNA; *Escherichia coli* (Takayanagi, K. (83) 39)

Protoxin-activation
Bacillus thuringiensis; Toxin; Cytotoxicity (Angsuthanasombat, C. (83) 273)

Pseudomonas fluorescens
Lead detoxification; Bioaccumulation; Bioprecipitation; Citrate; Phosphate (Al-Aoukaty, A. (83) 283)

Pseudomonas putida
3-Furylmethylpenicillin; Phenylacetyl-CoA ligase; Acyl-CoA:6-APA acyltransferase; *Penicillium chrysogenum* (Ferrero, O. (83) 1)

Pulsed-field electrophoresis
Rhizobium; Fingerprinting (Corich, V. (83) 193)

Pyrroloquinoline quinone
Methanol dehydrogenase; Glucose dehydrogenase; *Methylobacterium organophilum;* PQQ biosynthesis gene; Complementation by *pqq* gene; *Escherichia coli* (Turlin, E. (83) 59)

Receptor
Neisseria spp.; Transferrin; Iron (Ferreirós, C.M. (83) 247)

Regulatory sequence
Escherichia coli; Fimbriae; Nucleotide sequence; Enterotoxigenic (De Haan, L.A.M. (83) 341)

Repetitive DNA
Insertion sequence; Tuberculosis; *Mycobacterium bovis*; *Mycobacterium tuberculosis* (Collins, D.M. (83) 11)

Respiration
Cytochrome *c*; Electron transport; Gene cloning; Nitrogen fixation; *Bradyrhizobium japonicum* (Rossbach, S. (83) 145)

Rhizobium
Pulsed-field electrophoresis; Fingerprinting (Corich, V. (83) 193)

Rhizobium leguminosarum
Salt stress; Osmotic alleviation (Chien, C.-T. (83) 219)

Rhodobacter
Nitrate reductase; Nitrate assimilation; Nitrate dissimilation (Martínez-Luque, M. (83) 329)

Rickettsiales
Bartonella bacilliformis; Phylogeny; 16S rDNA sequencing (Birtles, R.J. (83) 187)

Saccharomyces cerevisiae
Calcitonin gene; Gene expression in yeast; α-Factor-driven secretion (Mironova, R. (83) 23)

Saccharomycopsis fibuligera
Glucoamylase; Gene cloning; Nucleotide sequence (Hostinová, E. (83) 103)

Salt stress
Matric-water stress; Stress proteins; Cyanobacteria; *Phormidium*; *Chroococcidiopsis* (Hershkovitz, N. (83) 169)

Rhizobium leguminosarum; Osmotic alleviation (Chien, C.-T. (83) 219)

Selective inactivation of DMSO reductase
DMSO reduction; TMAO reduction; *dms* Insertion mutants; *dms* Deletions (Daruwala, R. (83) 255)

Serine-containing lipid
Ornithine-containing lipid; Mitogenicity; Adjuvanticity; *Flavobacterium meningosepticum* (Kawai, Y. (83) 127)

Serotype
Lipopolysaccharide; O-antigen; Endotoxin (Cheah, K.-C. (83) 213)

Shigella dysenteriae
Adherence; Invasiveness; Temperature regulation, absence of (Yao, R. (83) 323)

Shuttle vectors
Plasmid stability; Multiple cloning sites; *Streptomyces rimosus*; *Streptomyces lividans*; Transfer RNA genes (Durajlija, S. (83) 317)

Spectroscopy
Amino acid sequence; Cytochrome *c*; Electron transport; N_2-fixing symbiosis; *Bradyrhizobium japonicum* (Appleby, C.A. (83) 137)

Spirulina platensis
Nitrosoguanidine treatment; UV irradiation (Lanfaloni, L. (83) 85)

16S rDNA sequencing
Bartonella bacilliformis; Phylogeny; Rickettsiales (Birtles, R.J. (83) 187)

16S Ribosomal DNA
Legionella; Amoebae; PCR; DNA sequencing (Fry, N.K. (83) 165)

Streptococcus sobrinus
Glucan; 1,3-α-D-Glucan synthase; Glucosyltransferase (Takehara, T. (83) 69)

Streptomyces
Plasmid; Copy number; Pentalenolactone; Antibiotic production (Braxenthaler, M. (83) 311)

Streptomyces antibioticus
Actinophage ϕA7; Adsorption; One-step growth curve (Diaz, L.A. (83) 65)

Streptomyces lividans
Shuttle vectors; Plasmid stability; Multiple cloning sites; *Streptomyces rimosus*; Transfer RNA genes (Durajlija, S. (83) 317)

Streptomyces rimosus
Shuttle vectors; Plasmid stability; Multiple cloning sites; *Streptomyces lividans*; Transfer RNA genes (Durajlija, S. (83) 317)

Stress proteins
Matric-water stress; Salt stress; Cyanobacteria; *Phormidium*; *Chroococcidiopsis* (Hershkovitz, N. (83) 169)

Synechococcus
Dark respiration; Endogenous rhythm; Nitrogenase (Grobbelaar, N. (83) 99)

Temperature regulation, absence of
Shigella dysenteriae; Adherence; Invasiveness (Yao, R. (83) 323)

Thermophile
Carboxydothermus hydrogenus; Carbon monoxide; Hydrogen (Gerhardt, M. (83) 267)

Thiobacillus
Moderate thermophile; Nitrogen fixation; *nif HDK* genes (Holden, P.J. (83) 7)

TMAO reduction
DMSO reduction; Selective inactivation of DMSO reductase; *dms* Insertion mutants; *dms* Deletions (Daruwala, R. (83) 255)

Tn5 mutant
Bradyrhizobium japonicum; Lipopolysaccharide; LPS gene (So, J.-S. (83) 299)

Toxin
Bacillus thuringiensis; Protoxin-activation; Cytotoxicity (Angsuthanasombat, C. (83) 273)

Transferrin
Neisseria spp.; Receptor; Iron (Ferreirós, C.M. (83) 247)

Transfer RNA genes
Shuttle vectors; Plasmid stability; Multiple cloning sites; *Streptomyces rimosus*; *Streptomyces lividans* (Durajlija, S. (83) 317)

Transmembrane electric potential
Chloride fluxes; Donnan equilibrium; *Acholeplasma laidlawii* (Schummer, U. (83) 109)

Trypanosoma cruzi
Glutamate dehydrogenase; Alanine aminotransferase (Duschak, V.G. (83) 131)

Tuberculosis
Insertion sequence; Repetitive DNA; *Mycobacterium bovis*; *Mycobacterium tuberculosis* (Collins, D.M. (83) 11)

UV irradiation
Spirulina platensis; Nitrosoguanidine treatment (Lanfaloni, L. (83) 85)

Xylanase
Cellulomonas fimi; Binding to cellulose; Gene cloning (Clarke, J.H. (83) 305)